

FIG. 1

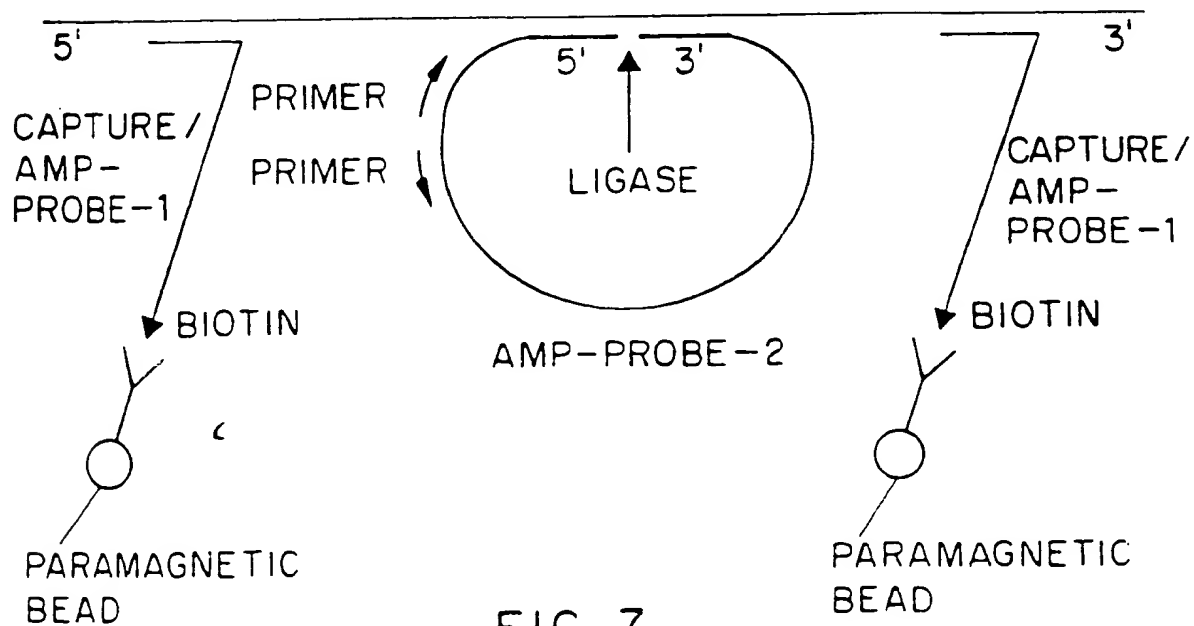


FIG. 7

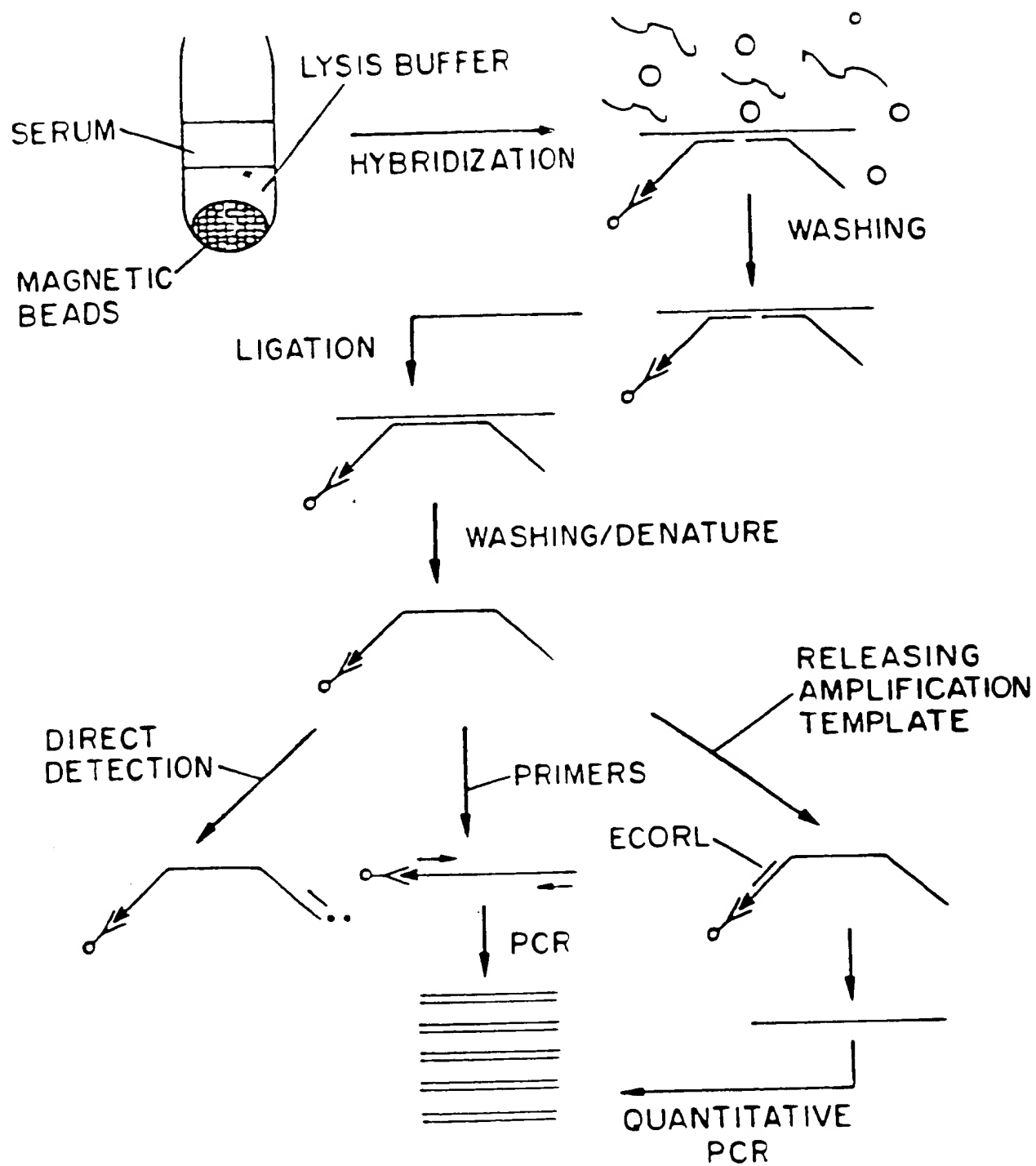


FIG. 2

24.545
(3 of 24)



FIG.3

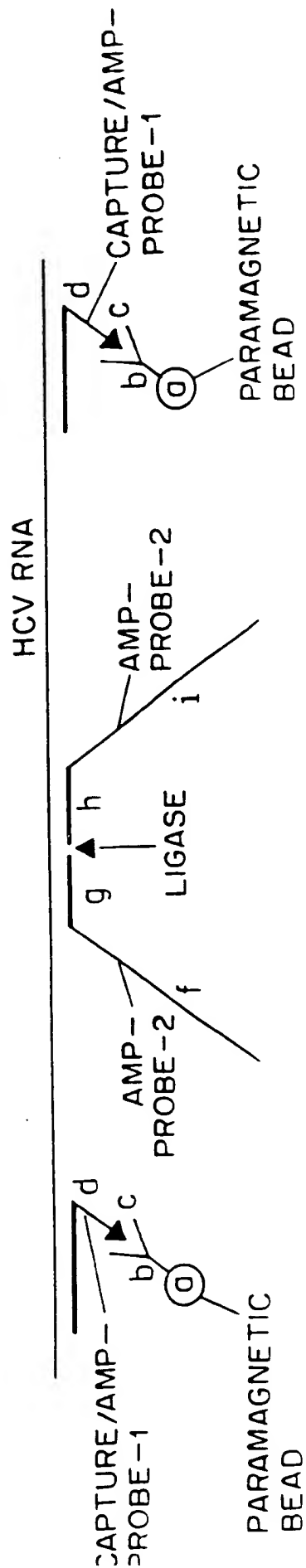


FIG. 4

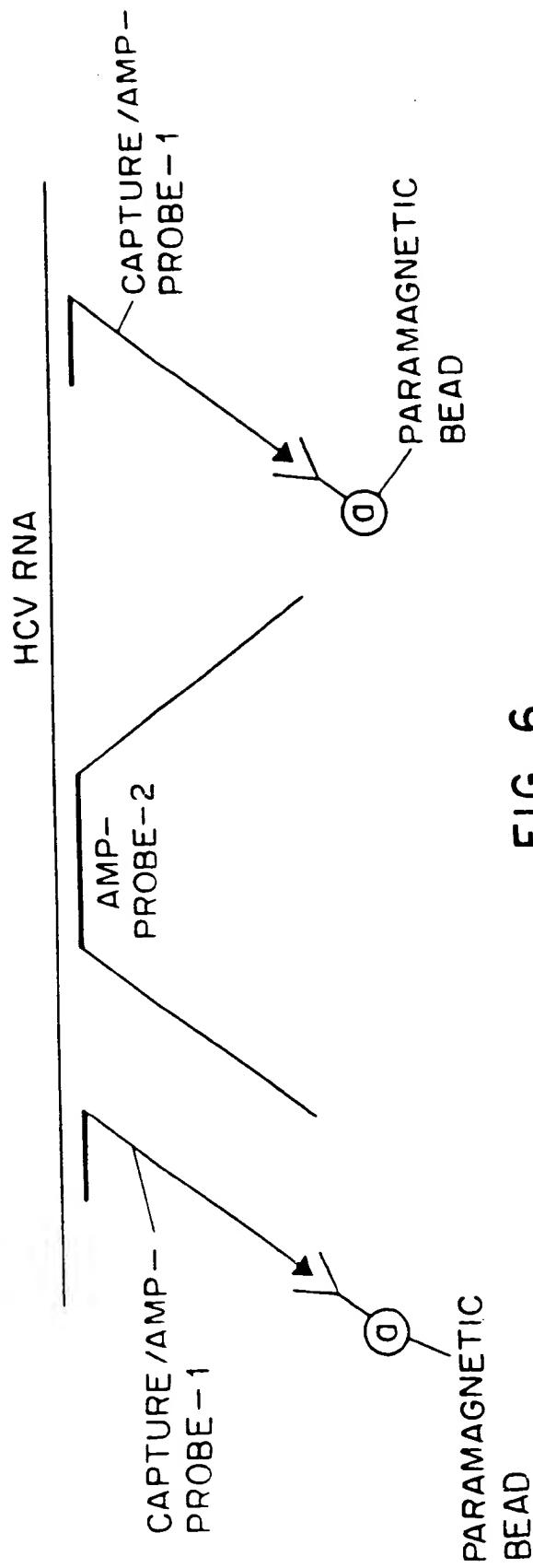


FIG. 6

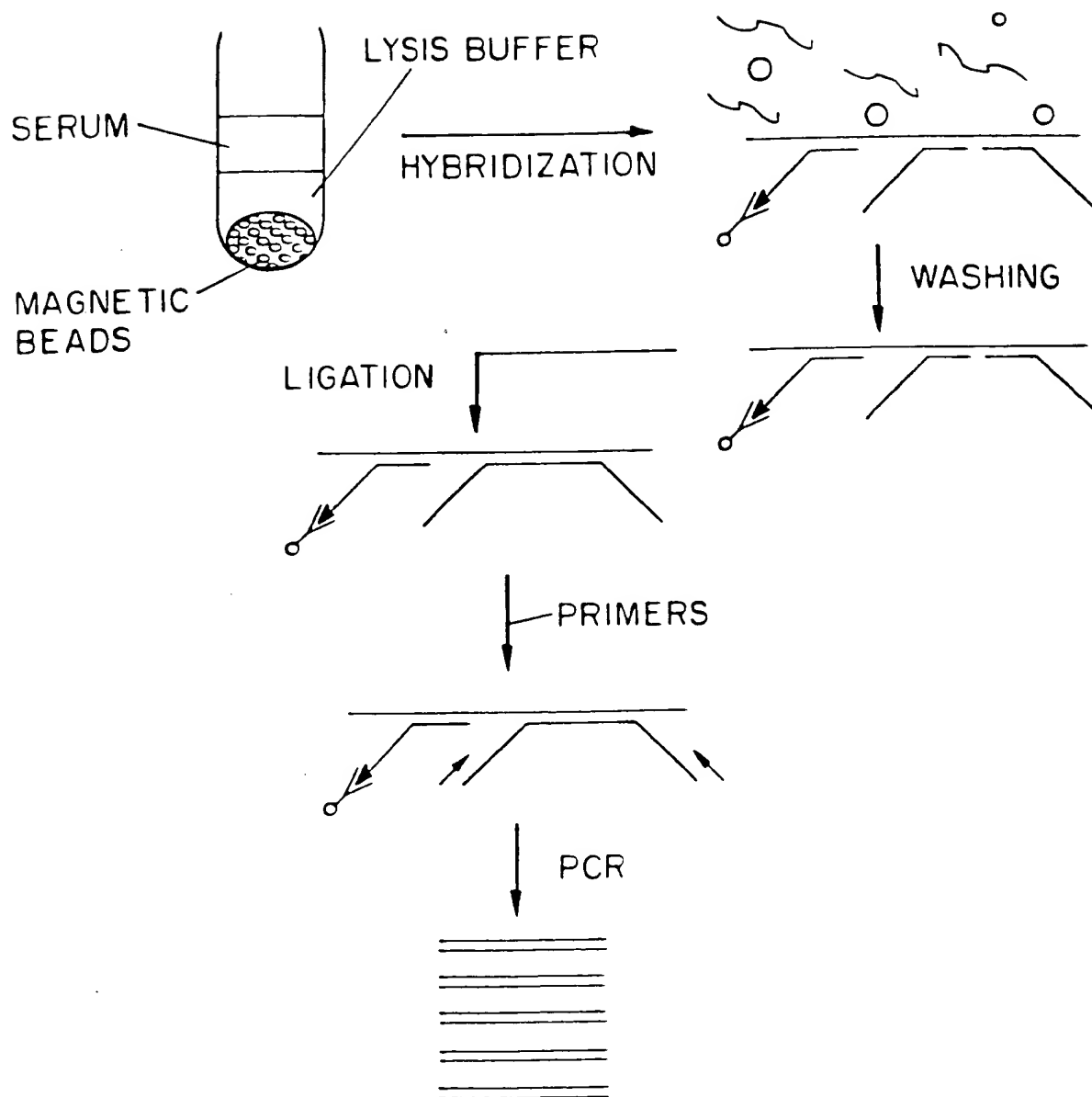


FIG. 5

24545
(6 of 24)

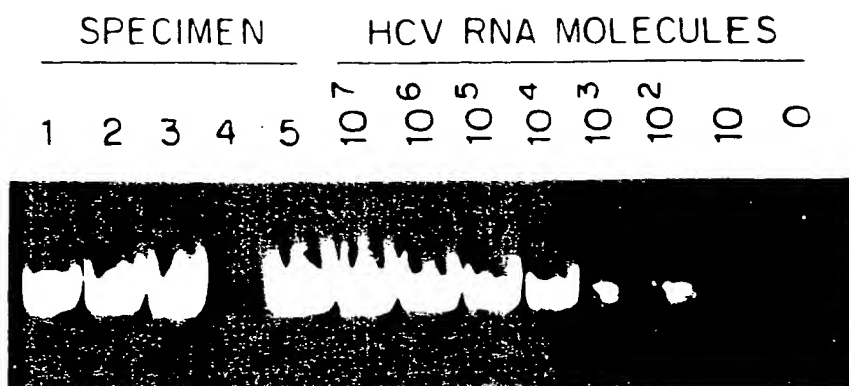


FIG.8

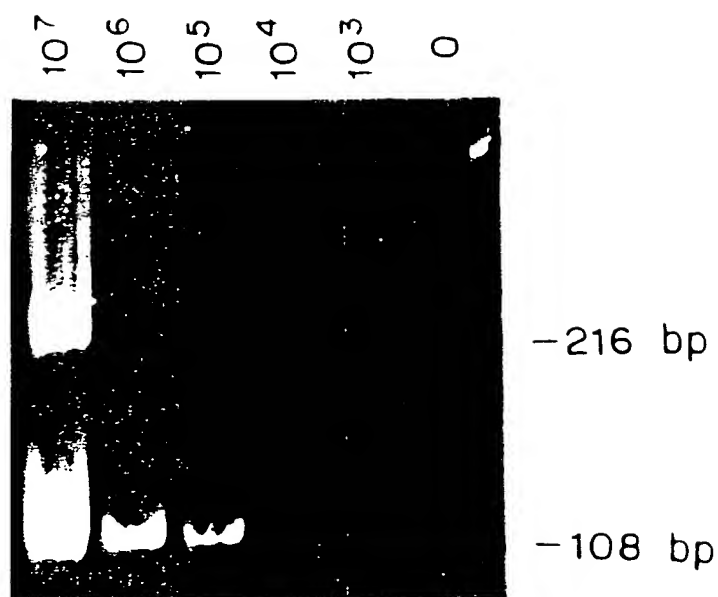


FIG.9

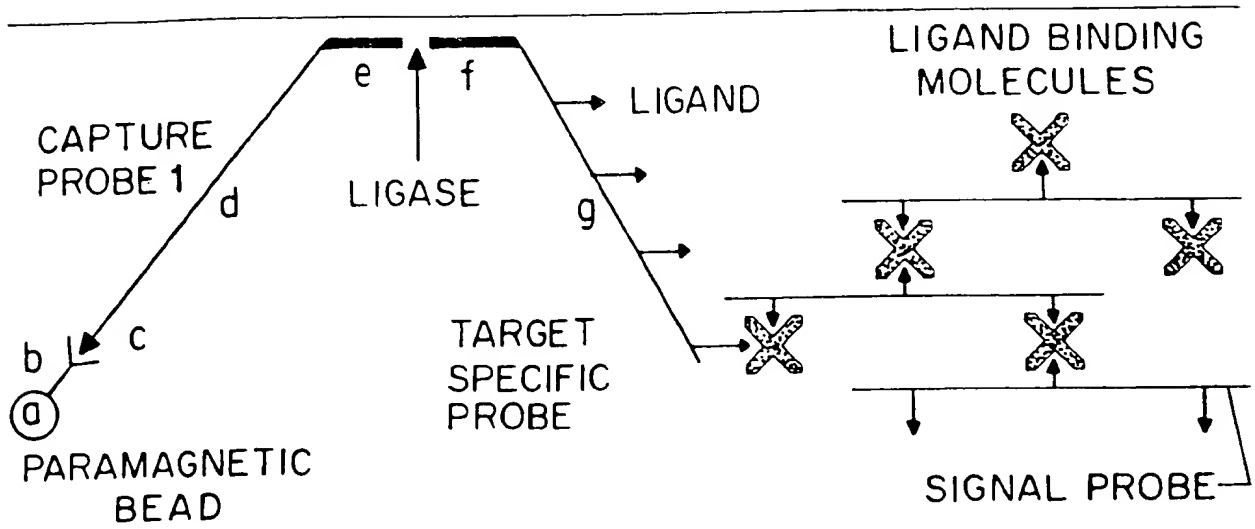


FIG. 10

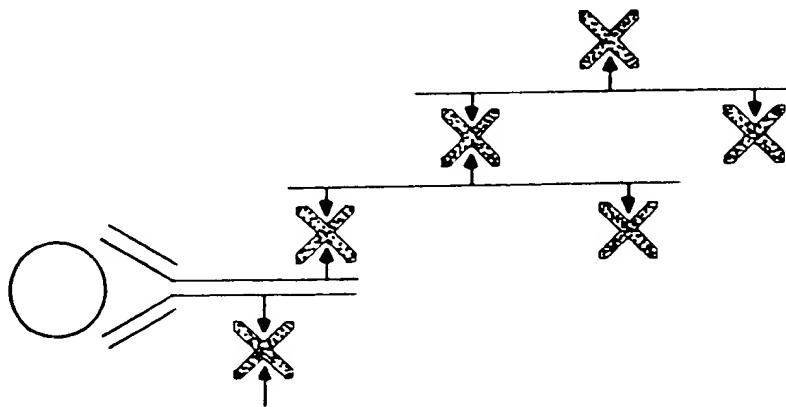


FIG. 11

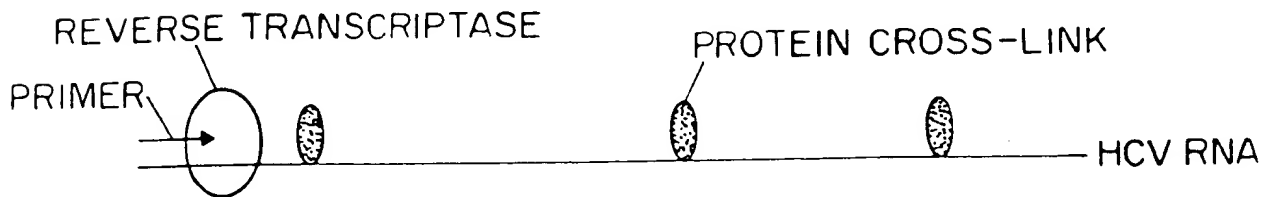


FIG. 12A

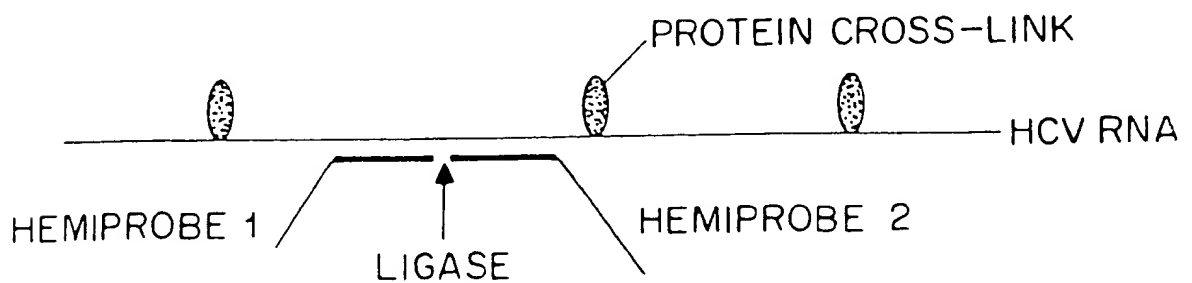


FIG. 12B

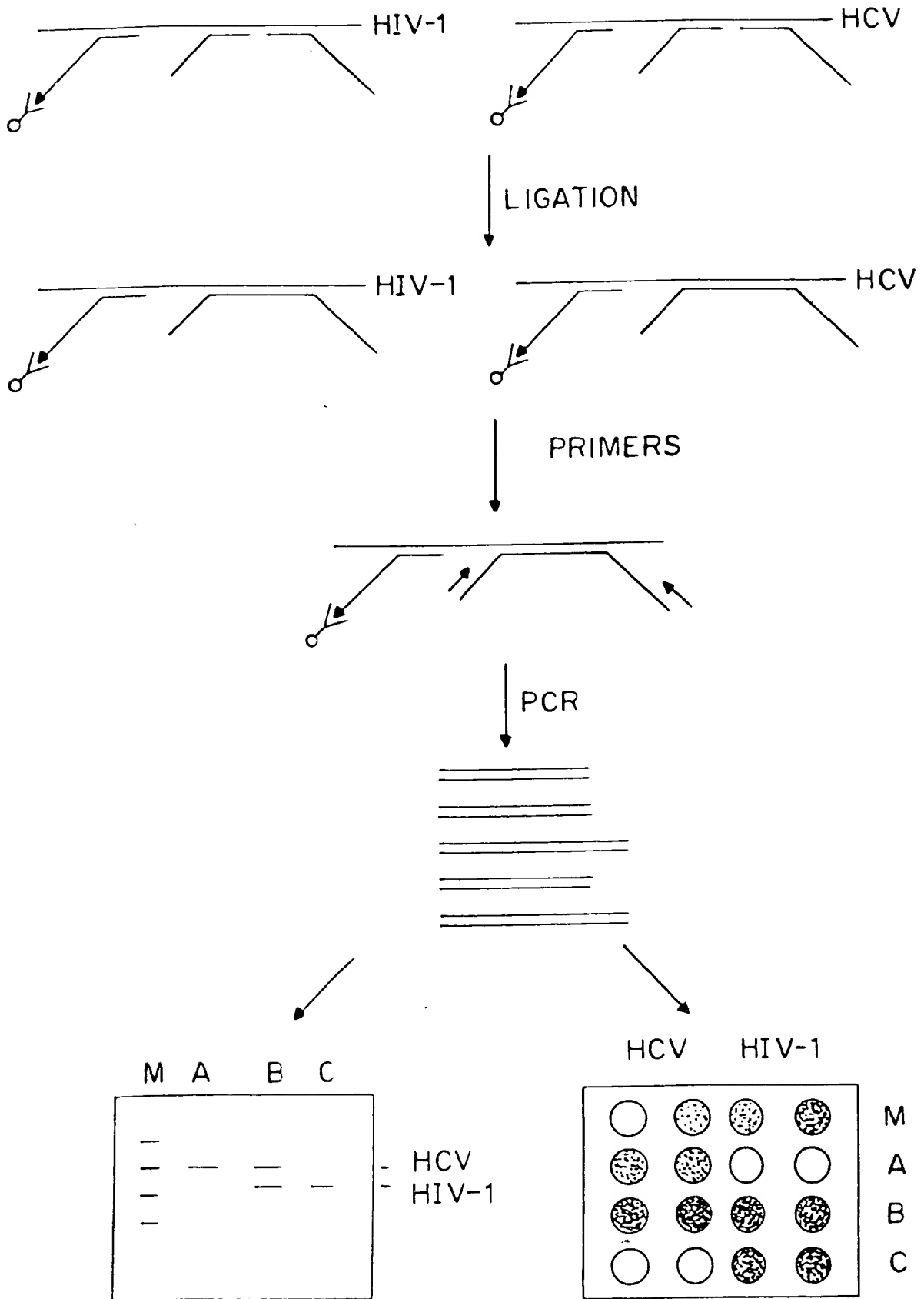


FIG 13

29545
(9/24)

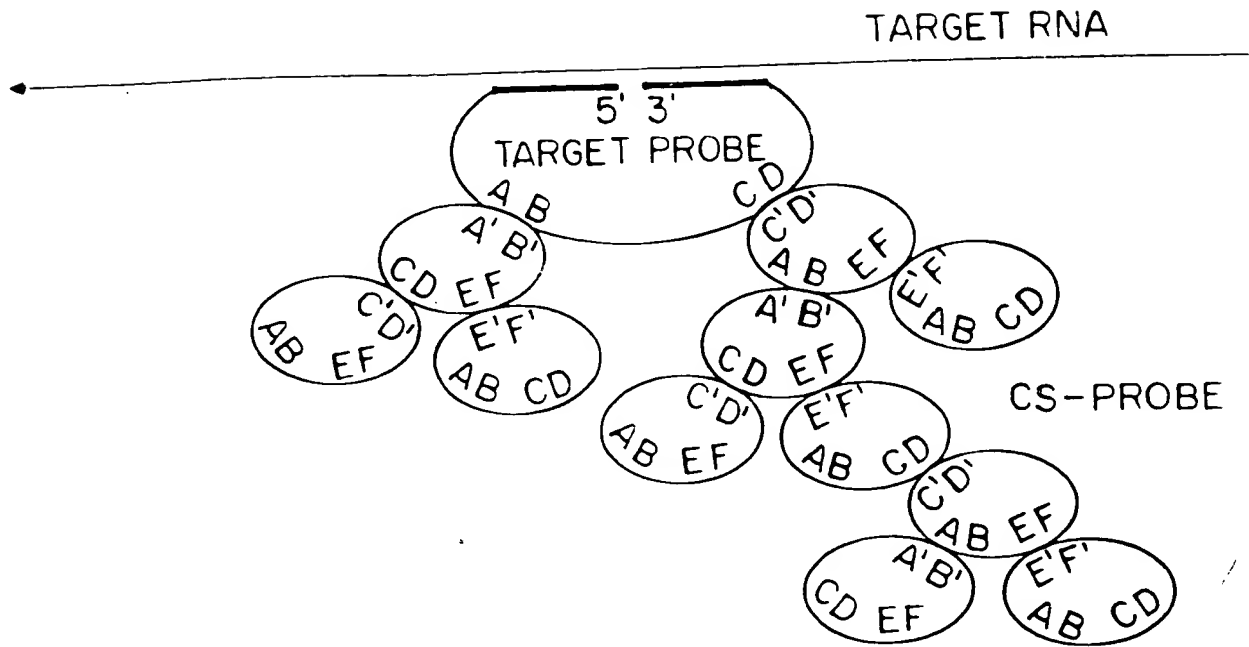


FIG. 14

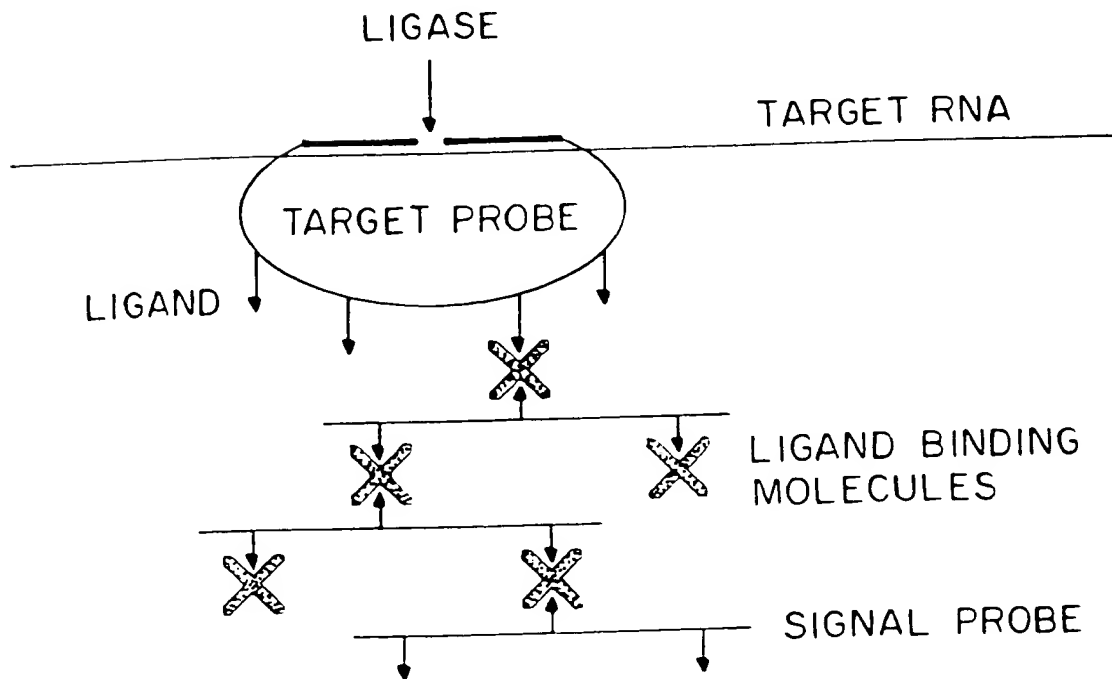
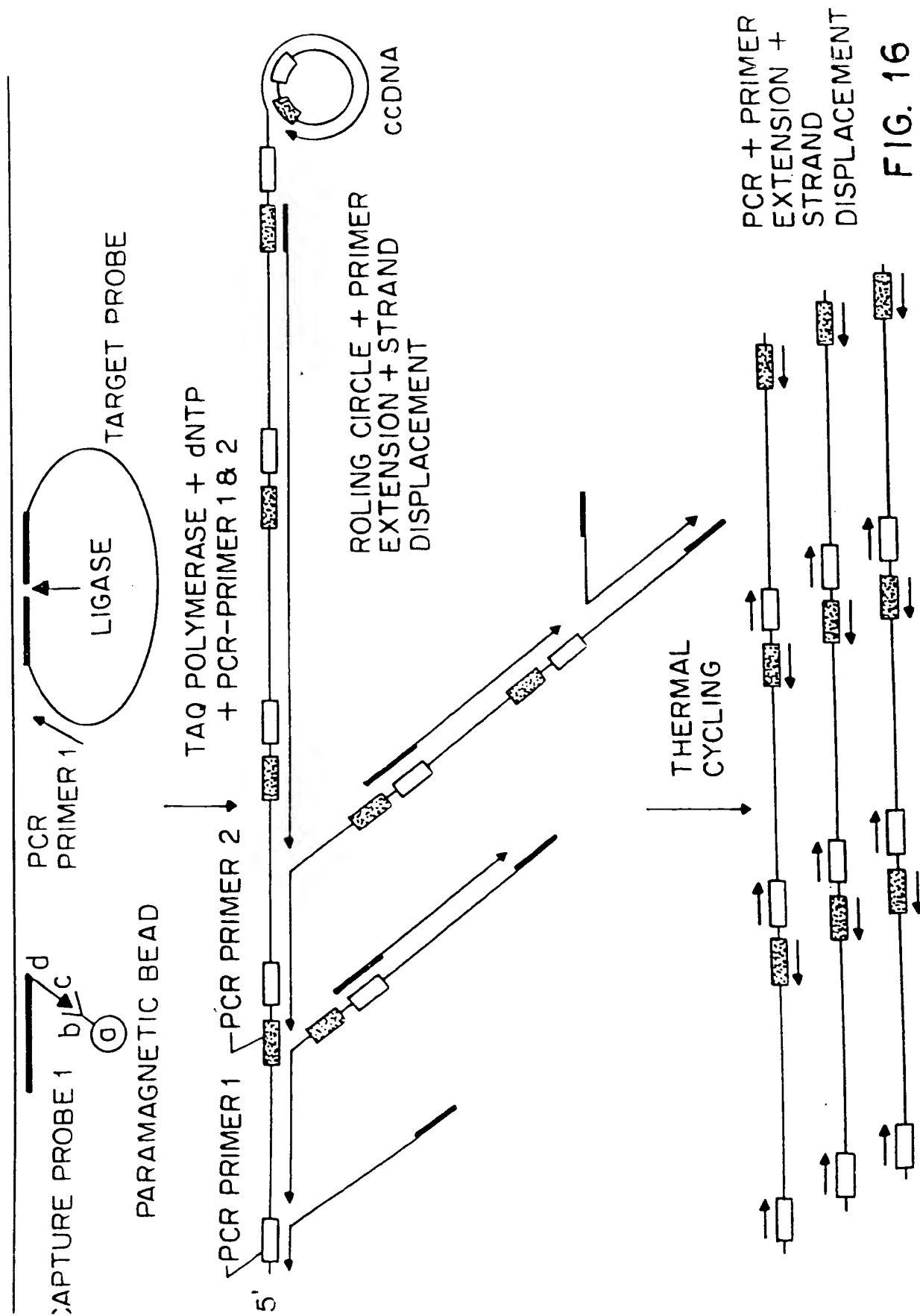


FIG. 15



29545
(11 of 24)

00070001101501



Without Ligation

With Ligation

FIG.18

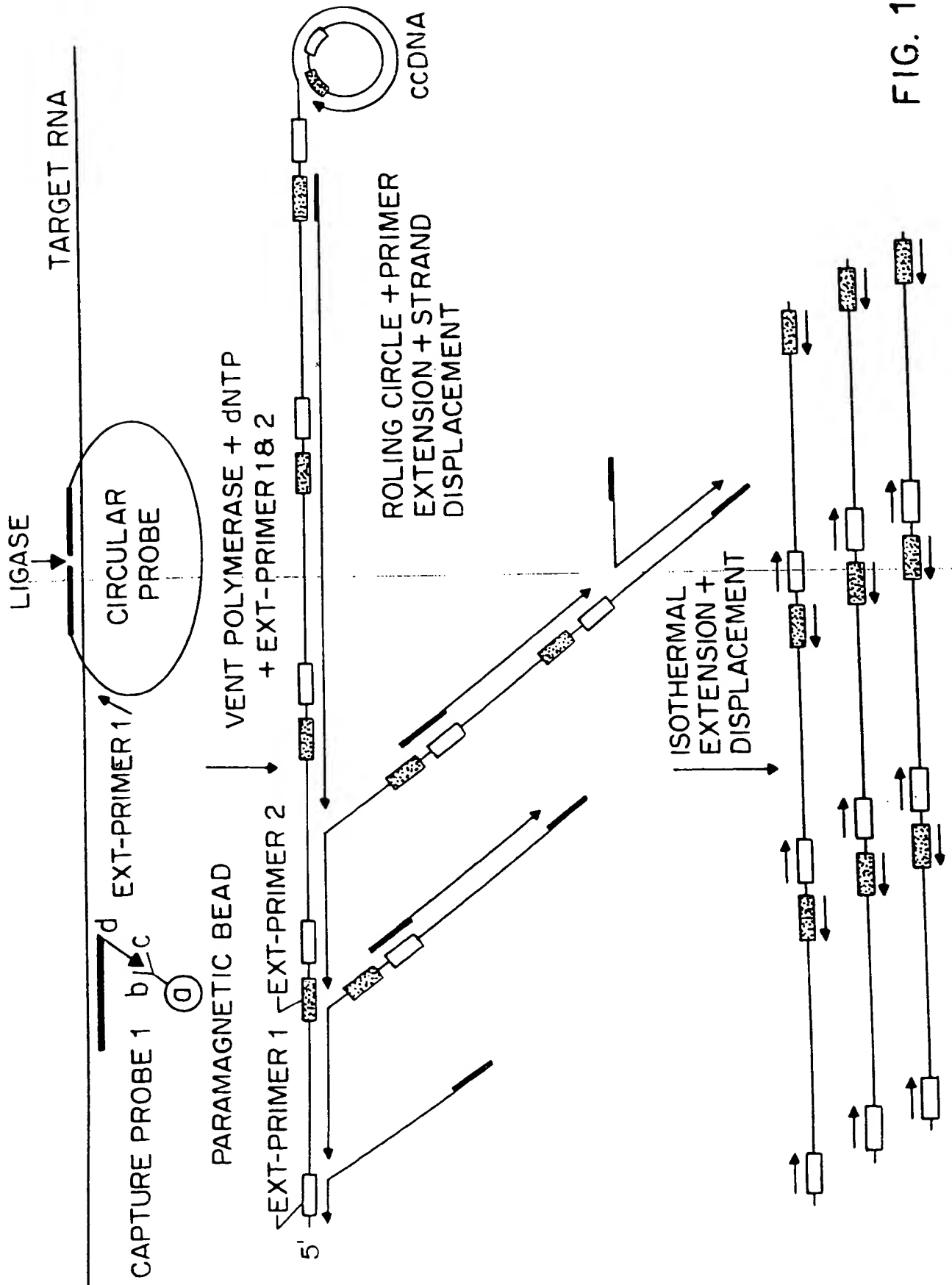
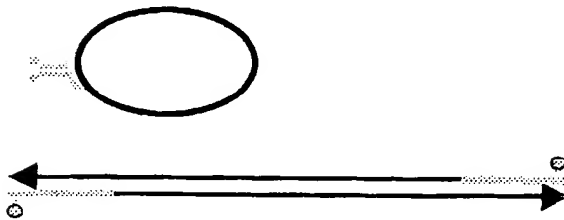


FIG. 19

24545
(13 of 24)

DABCYL
|
CGTCAATGCATG 5'
GCAGTTACGTACTGCGCACTA
|
Fluoresce Molecular



A

3' U ← Light

B

U ← Light

Fig. 20

29545
(140724)

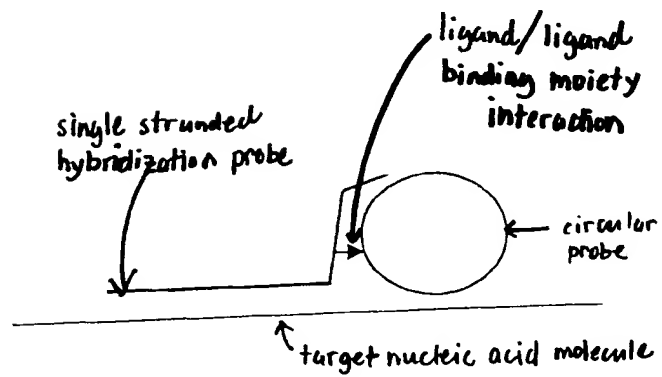
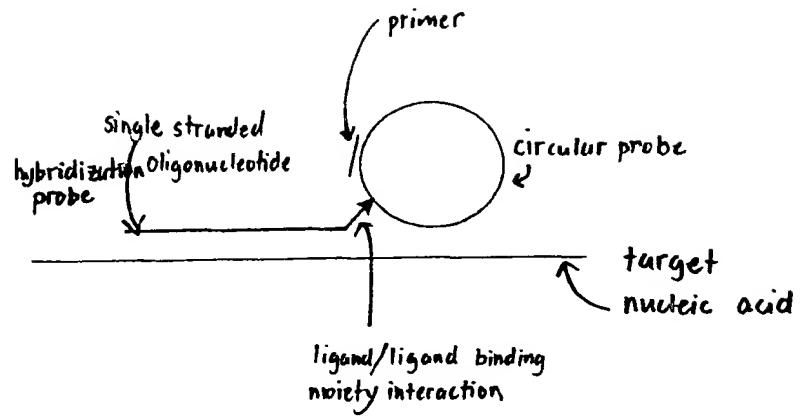
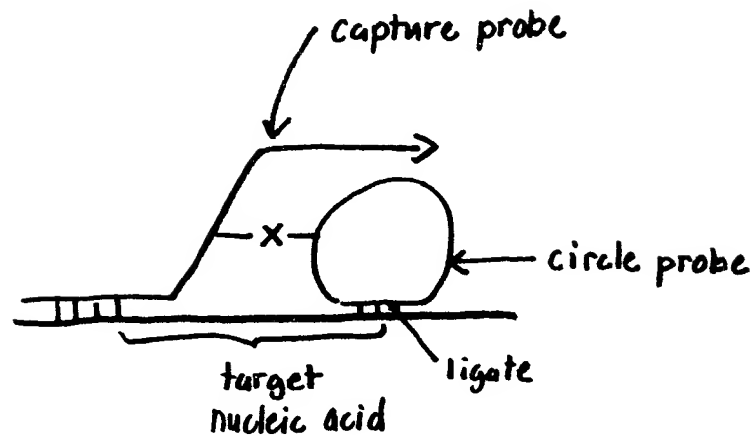
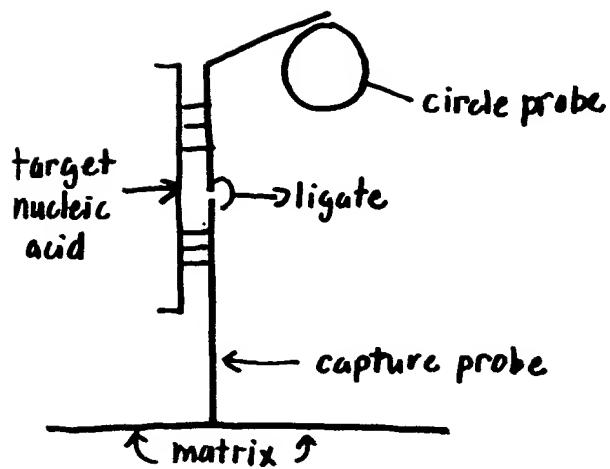


Figure 21 A-B



21 C



21D

Figure 21C-D

100,000 molecules

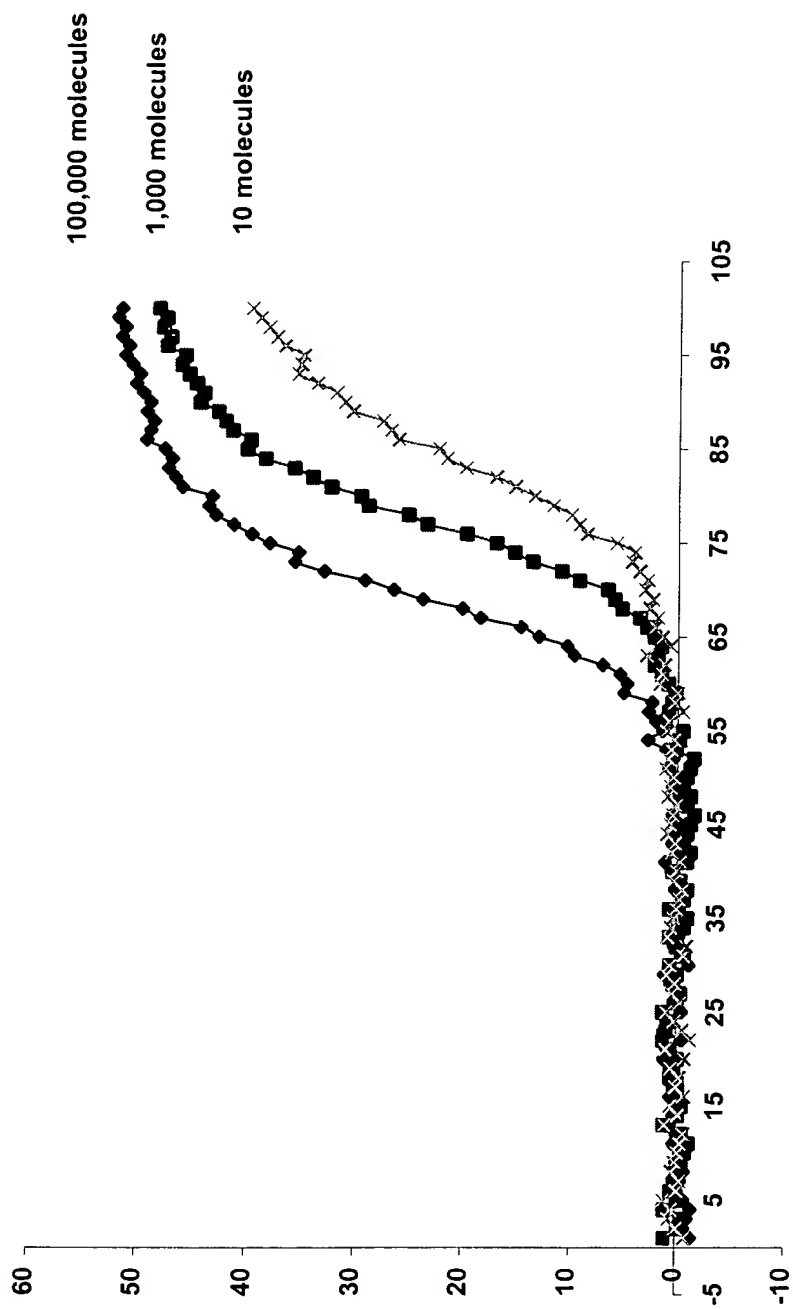
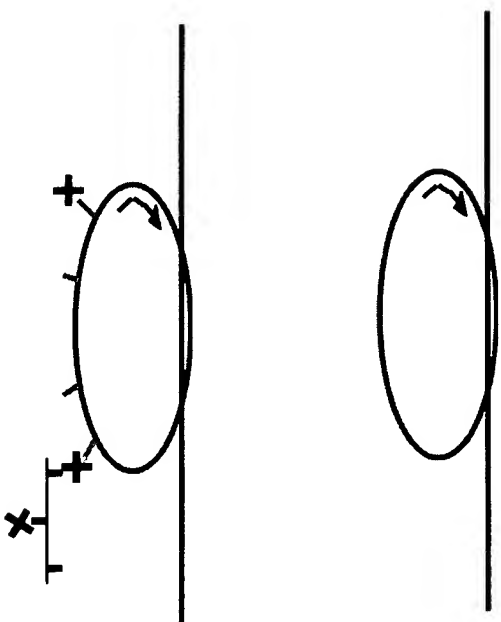
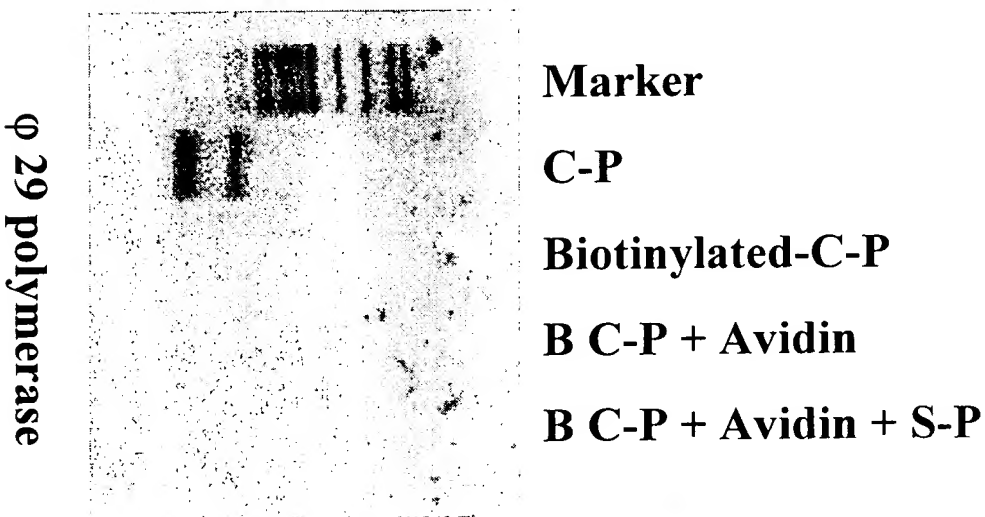
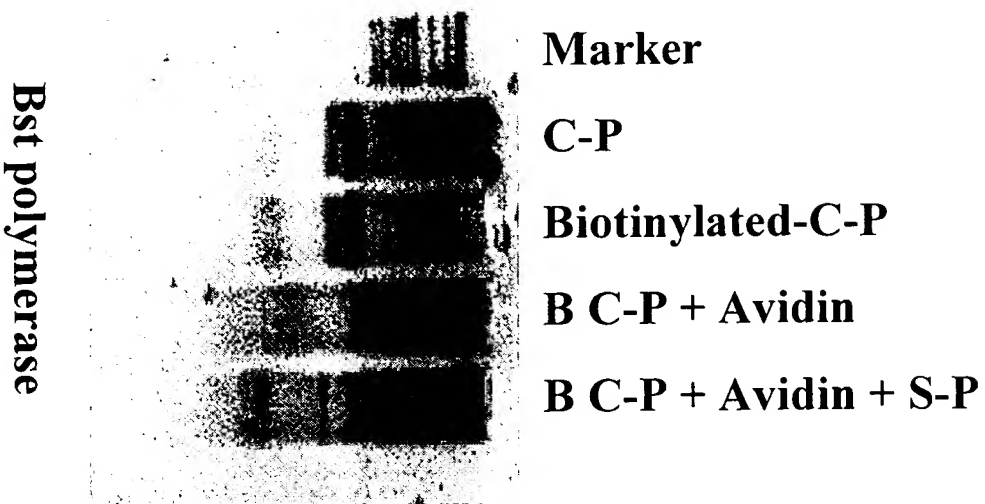


Figure 22

29545
(160724)

Inhibition of biotin-avidin on RAM (Bst/P29)



05972251 101501

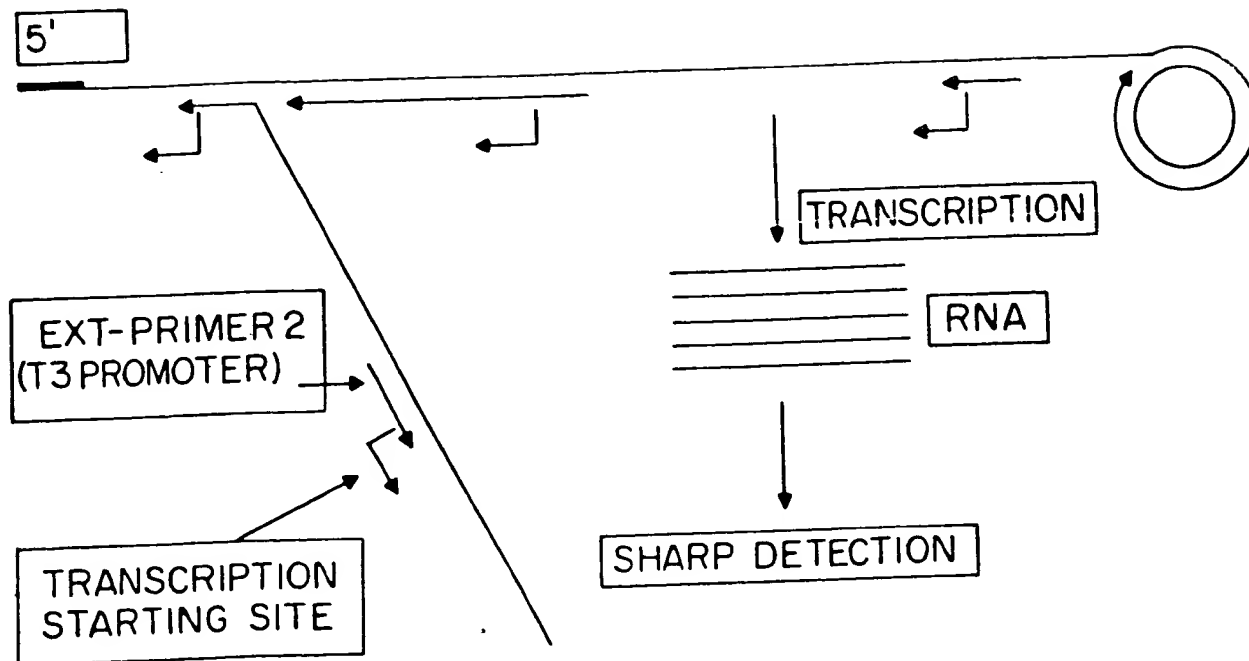


FIG. 17

ROLING CIRCLE +
PRIMER EXTENSION

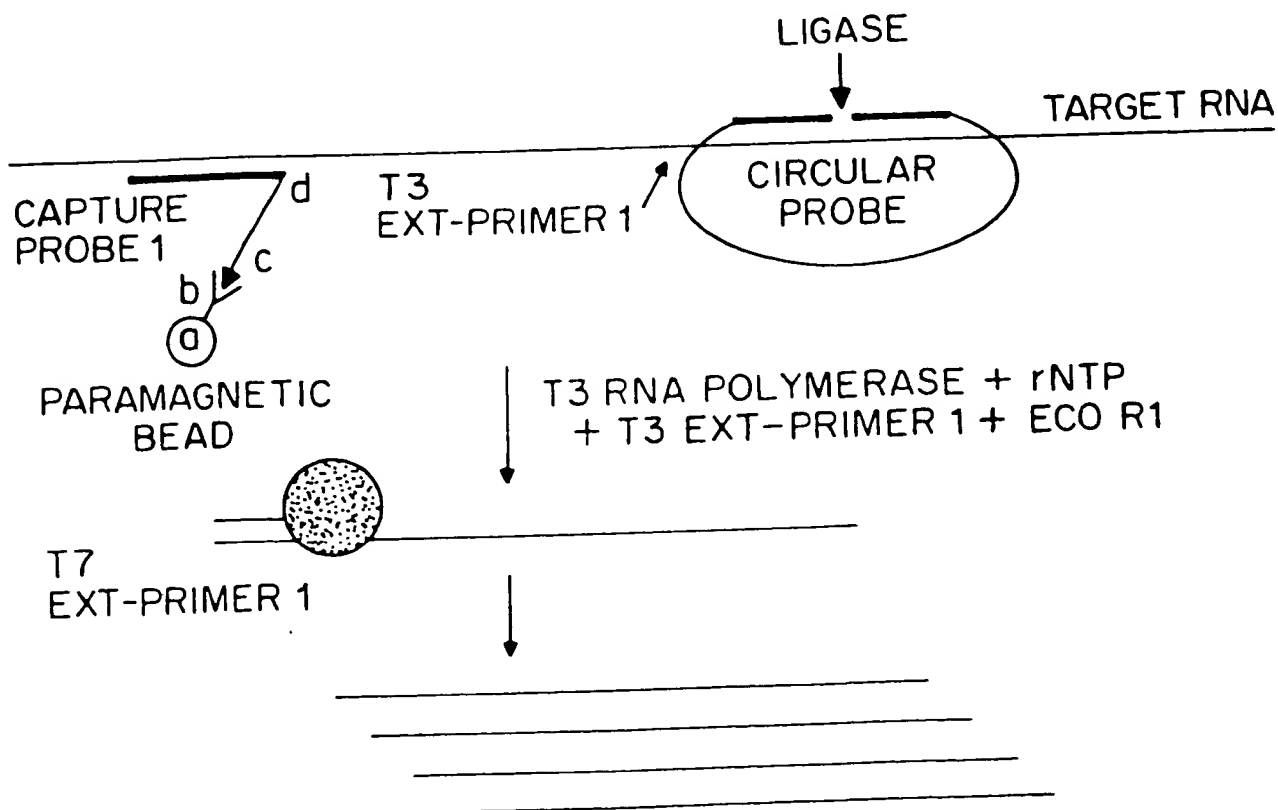


FIG. 24

29545
(19 of 24)

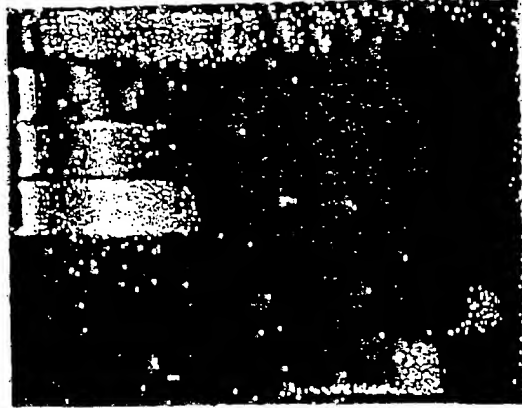
RAM with 1, 2, and 3 primers

F

E

D

ABCDEF



622 bp

147 bp

123 bp

90 bp

67 bp

108 nt

90 nt

FIGURE 25

29545
(20 of 24)

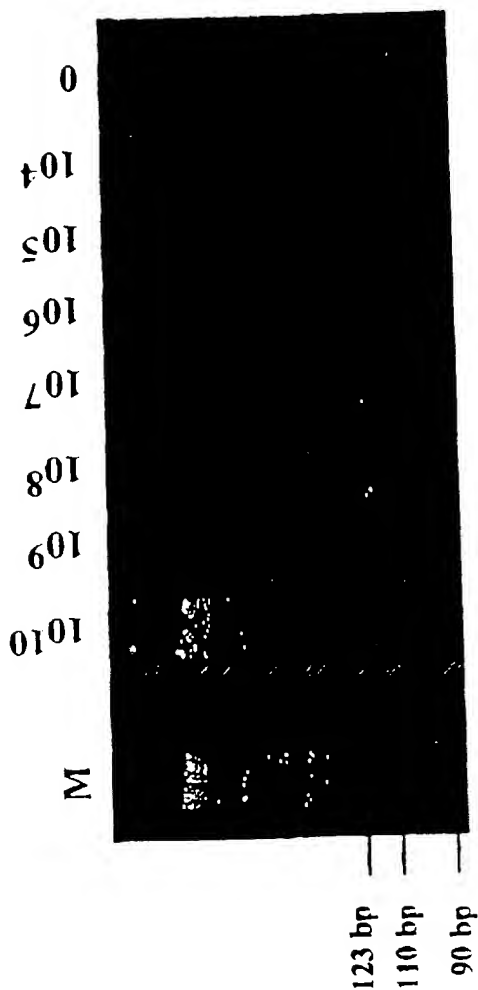


FIG. 26

29545
(21 of 24)

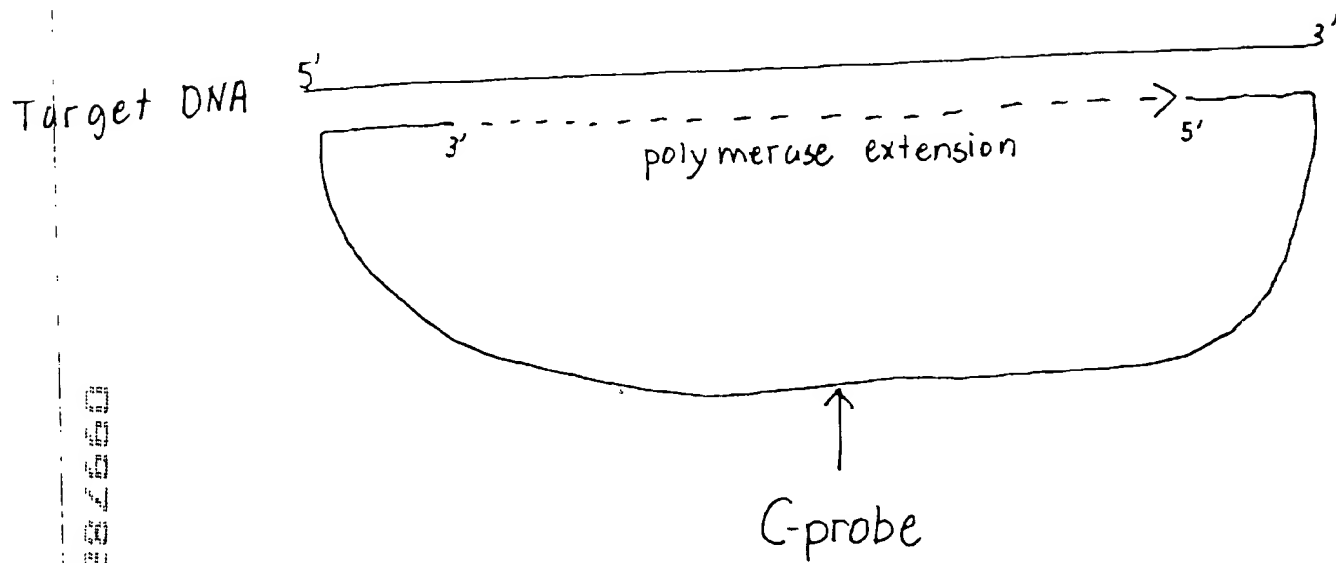


FIG 27 -

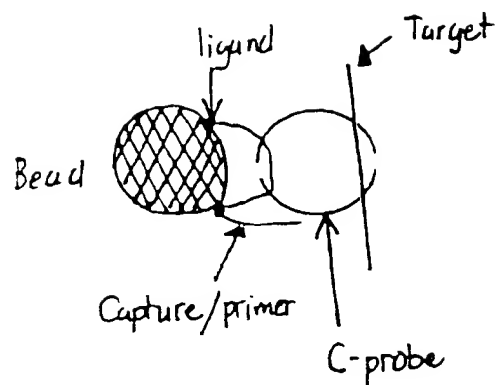
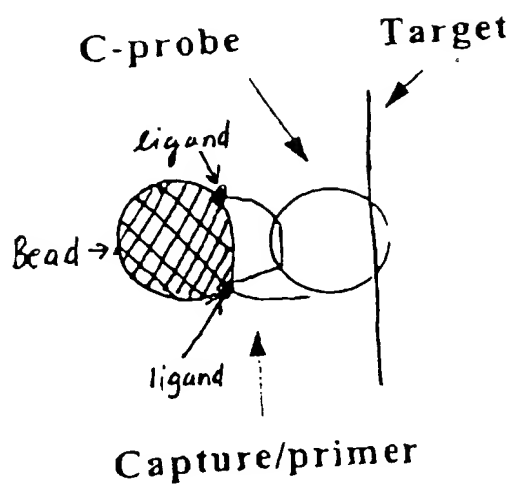


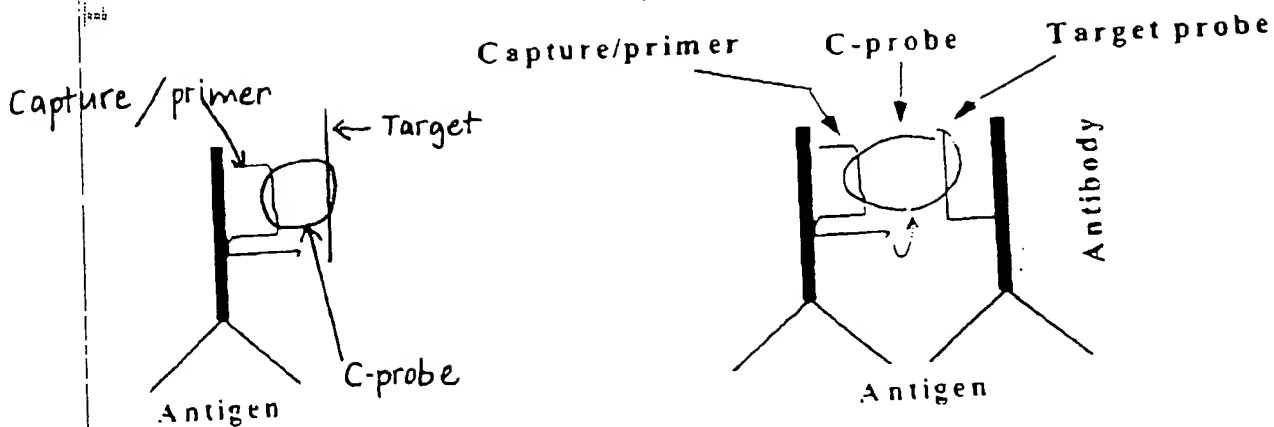
Figure 28

29545
(23 of 24)

P.29

OCT-12-2000 23:30

FIGURE 29



1993-1994

NOV 22 2000 13:07

29545
(24 of 24)

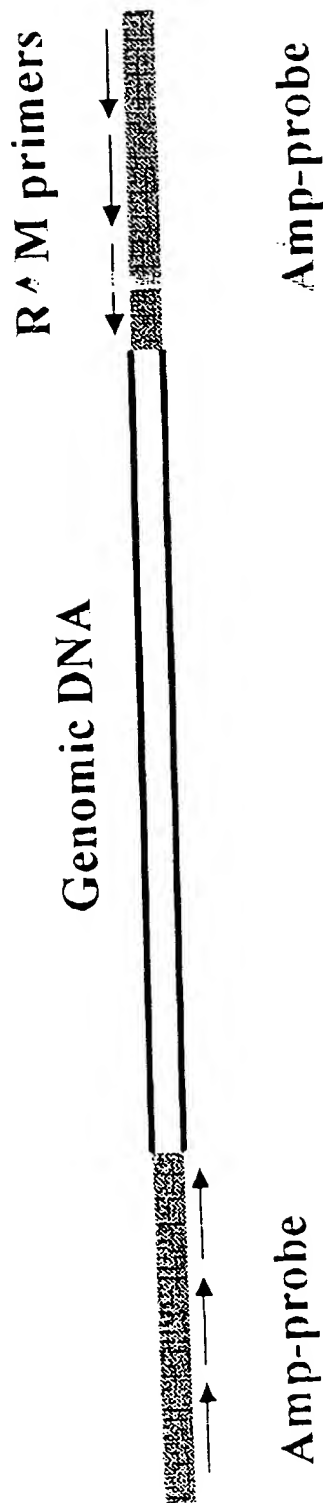


Figure 30